



L2 ANSWER 55 OF 99 CA COPYRIGHT 2005 ACS on STN  
AN 118:239655 CA  
ED Entered STN: 12 Jun 1993  
TI Manufacture of fiber-reinforced **cement** boards  
IN Koizumi, Masashi  
PA Kubota Kk, Japan  
SO Jpn. Kokai Tokkyo Koho, 3 pp.  
CODEN: JKXXAF  
DT Patent  
LA Japanese  
IC ICM C04B028-18  
ICS C04B016-02; D21H013-26; D21J001-00  
CC 58-4 (Cement, Concrete, and Related Building Materials)  
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	JP 05043293 ✓	A2	19930223	JP 1991-228768	19910813
PRAI	JP 1991-228768		19910813		

CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 05043293	ICM	C04B028-18
	ICS	C04B016-02; D21H013-26; D21J001-00

AB In manufacturing fiber-reinforced **cement** boards from **cement**, pulp, lightwt. aggregate, filler etc., pulp is 1st mixed with 1-4 weight% cationic paper reinforcing agent, then mixed with the others. Thus, a mixture comprising **cement** 47, silica powder 48, and pulp premixed with 2 weight% paper reinforcing agent comprising **cationic polyacrylamide** 5 weight% was shaped with addition of water and autoclaved to give a board having bending strength 230 kg/cm2, vs. 180 kg/cm2 without addition of paper reinforcing agent.

ST **cement** board pulp reinforcement resin

IT Pulp, cellulose

(in **cement** boards manufacture, with cationic paper reinforcing agents)

IT Building materials